

IN THE CLAIMS

Please cancel Claims 1, 6, 8-15, and 21-24 (Claims 20, 25, 29, 30, 31, and 32 were cancelled in the previous response).

Please add new claims 33-35.

Please Amend Claims 2, 3, 4, 5, 16, 18, and 19 as follows:

1. (currently cancelled)
2. (currently amended) The outward facing camera system of ~~Claim 1~~, Claim 7 wherein the equatorial cameras face radially outwards from the origin.
3. (currently amended) The outward facing camera system of ~~Claim 1~~, Claim 7 wherein the polar cameras face radially outwards from the origin.
4. (currently amended) The outward facing camera system of ~~Claim 1~~, Claim 7 wherein a first equatorial camera is offset approximately 90 degrees from a second equatorial camera.
5. (currently amended) The outward facing camera system of ~~Claim 1~~, Claim 7 wherein each equatorial camera is offset from an adjacent equatorial camera by the same equatorial adjacent angle.
6. (currently cancelled)
7. (previously presented) An outward facing camera system comprising:  
a plurality of equatorial cameras distributed evenly about an origin in a plane; and

a plurality of polar cameras coupled to the equatorial cameras and tilted above the plane, wherein each of the polar cameras is tilted out of the plane by an equatorial offset angle and wherein the equatorial offset angle is in the range of 52 to 76 degrees inclusive.

8. (currently cancelled)

9. (currently cancelled)

10. (currently cancelled)

11. (currently cancelled)

12. (currently cancelled)

13. (currently cancelled)

14. (currently cancelled)

15. (currently cancelled)

16. (currently amended) The outward facing camera system of ~~Claim 1~~, Claim 7 further comprising a polar camera coupled to the equatorial cameras and tilted below the plane.

17. (original) The outward facing camera system of Claim 16, wherein the polar camera is perpendicular to the plane.

18. (currently amended) The outward facing camera system of ~~Claim 1~~, Claim 7 further comprising a second plurality of

polar cameras coupled to the equatorial cameras and tilted below the plane.

19. (currently amended) The outward facing camera system of ~~Claim 1~~, Claim 7 wherein each of the equatorial cameras and each of the polar cameras is a video camera.

20. (previously cancelled)

21. (currently cancelled)

22. (currently cancelled)

23. (currently cancelled)

24. (currently cancelled).

25. (previously cancelled)

26. (previously presented) A outward facing camera system comprising:

a first camera;

a second camera coupled to and adjacent to the first camera, wherein the first camera and the second camera are offset by a first offset angle; and

a third camera coupled to and adjacent to the first camera, wherein the first camera and the third camera are offset by a second offset angle differing from the first offset angle, wherein second offset angle is in the range of 52 to 76 degrees inclusive.

27. (previously presented) A outward facing camera system comprising:

a first camera;

a second camera coupled to and adjacent to the first camera, wherein the first camera and the second camera are offset by a first offset angle; and

a third camera coupled to and adjacent to the first camera, wherein the first camera and the third camera are offset by a second offset angle differing from the first offset angle; and

a fourth cameras coupled to and adjacent to the third camera; wherein the third camera and the fourth camera are offset by a third offset angle.

28. (previously presented) The outward facing camera system of Claim 27, wherein the third offset angle is approximately 120 degrees.

29. (previously cancelled)

30. (previously cancelled)

31. (previously cancelled)

32. (previously cancelled)

33. (New) The outward facing camera system of Claim 7, wherein a polar camera has a vertical field of view which overlaps a vertical field of view of an equatorial camera.

34. (New) The outward facing camera system of Claim 7, wherein a vertical field of view of a polar camera is equal to the vertical field of view of a equatorial camera.

35. (New) The outward facing camera system of Claim 7, wherein a horizontal field of view of a polar camera is equal to the horizontal field of view of a equatorial camera.